



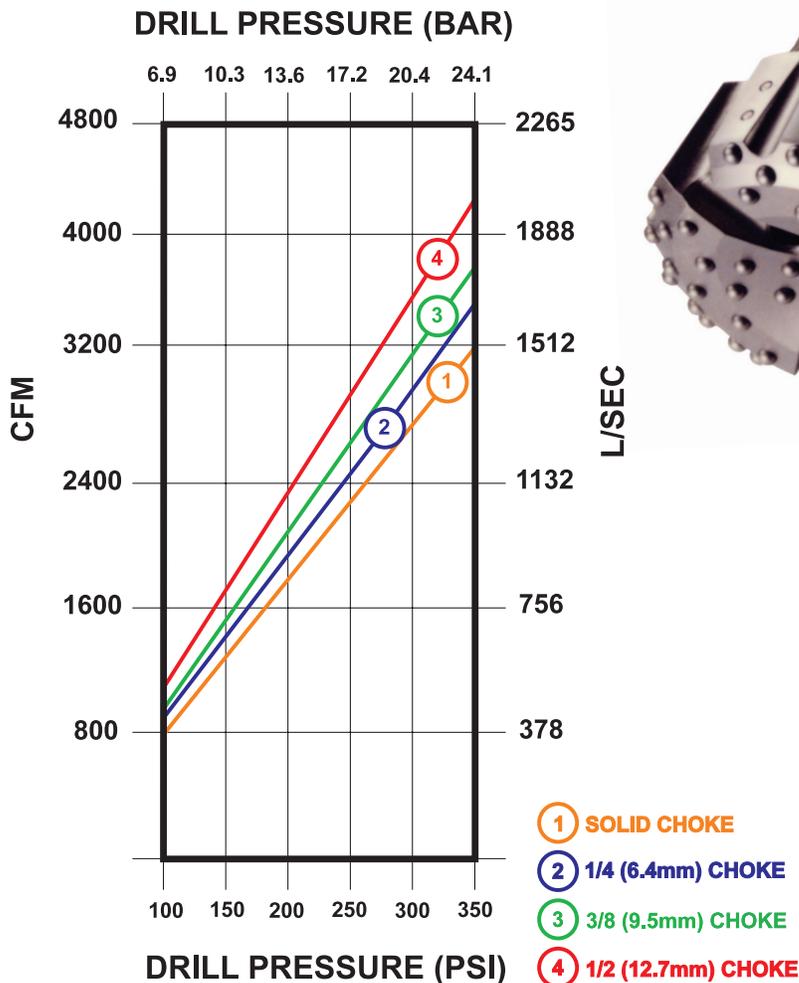
Patriot® 125/125HD

Down Hole Hammer

FEATURES

- Outdistances competitive hammers in both speed and longevity
- Simplified hammer design with less internal components
- Drills at high frequency to provide less vibration and smooth operation
- More efficient design requires less air which equals fuel savings
- Designed to operate at pressures up to 250 PSI (17.0 BAR)
- Ability to drill efficiently against high heads of water

AIR CONSUMPTION



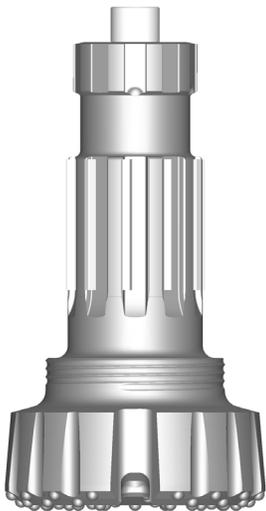
SPECIFICATIONS

Diameter	P125	10-3/4"	273 mm
	P125HD	11-3/4"	298 mm
Bore		9-1/4"	235 mm
Stroke		5"	127 mm
Weight (Hammer only)	P125	1133 lbs.	514 kg
	P125HD	1360 lbs.	618 kg
Length (Shoulder to Shoulder)		66-3/4"	170 cm
Length (Shoulder to Bit Face)		75-3/4"	192 cm
A.P.I. Reg. Threads		6-5/8	

- 1150 blows per minute at 250 PSI (17.0 BAR)
- Drills holes from 12-1/4" to 20" (312 mm - 508 mm) in diameter
- Accepts N125 bit shank

Down Hole Button Bits

Patriot® 125



N125 Bit Shank

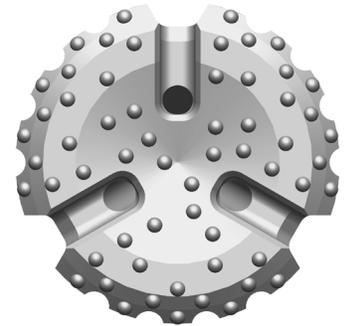
DIAMETER inches (millimeters)

12-1/4"	(312 mm)
12-3/8"	(315 mm)
13"	(331 mm)
14"	(356 mm)
15"	(381 mm)
16"	(406 mm)
17-1/2"	(445 mm)
18"	(457 mm)
19"	(483 mm)
20"	(508 mm)

WEIGHT* pounds (kilograms)

433 lbs.	(197 kg)
437 lbs.	(199 kg)
450 lbs.	(205 kg)
509 lbs.	(231 kg)
533 lbs.	(242 kg)
581 lbs.	(264 kg)
619 lbs.	(281 kg)
646 lbs.	(293 kg)
781 lbs.	(354 kg)
833 lbs.	(378 kg)

FACES AVAILABLE



Concave

* Bit weights are approximate

FEATURES

- Concave face design for advanced hole cleaning capabilities
- 3/4" (19 mm) diameter carbide buttons throughout face
- Several grades and types of carbide are available
- Significantly larger spline area for exceptional strength and transfer of torque
- Plate drive system for increased spline life
- Side wear buttons are available as an option
- Other bit sizes may be available upon request

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